

December 13, 2002

Mr. Anthony L. Gregory
Swiss Caps
2300 Highway 250
Patriot, IN 47038

Re: 155-16799
First Administrative Amendment to
Part 70 155-10975-00005

Dear Mr. Gregory:

Swiss Caps was issued a Part 70 permit on April 18, 2001, for a stationary fiberglass truck cap and vehicle accessory manufacturing source. A letter requesting an administrative amendment was received on November 18, 2002. The requested changes are related to the addition of two (2) insignificant operations, namely, a carpeting operation for truck caps and lids, and an aluminum commercial cab painting operation. The potential to emit of VOC was calculated and determined to be 3.52 lb of VOC/day (0.64 tons per year) for the carpeting operation, which is exempt under 326 IAC 2-1.1-3(d)(1)(D). The potential to emit of VOC for the aluminum painting unit was determined to be 8.82 lb per day (1.61 tons per year, exempt under 326 IAC 2-1.1-3(d)(1)(D)), and that of HAPs was estimated to be 1.83 lb per day (0.33 tons per year), which is classified as an insignificant activity under 326 IAC 2-7-1(21)(C). Pursuant to the provisions of 2-7-11 the permit is hereby administratively amended as follows (~~strike-out~~ to show deletions and **bold** to show additions):

(1) Section A.3 is amended as follows:

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary fiberglass truck cap and vehicle accessory manufacturing source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3-2]
- (b) Grinding and machining operations controller with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3-2]
- (c) One (1) touch-up paint area in the aluminum caps shop, VOC emissions less than fifteen (15) pounds per day.
- (d) **One (1) optional carpeting operation for truck caps and lids, VOC emissions less than fifteen (15) pounds per day.**
- (e) **One (1) aluminum commercial cab painting unit, VOC emissions less than fifteen (15) pounds per day, HAP emissions less than five (5) pounds per day and one (1) ton per year.**

(2) Section D.5 is amended as follows:

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities - Existing

- (a) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3-2]
- (b) Grinding and machining operations controller with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3-2]
- (c) One (1) touch-up paint area in the aluminum caps shop, VOC emissions less than fifteen (15) pounds per day.
- (d) One (1) optional carpeting operation for truck caps and lids, VOC emissions less than fifteen (15) pounds per day.**
- (e) One (1) aluminum commercial cab painting unit, VOC emissions less than fifteen (15) pounds per day, HAP emissions less than five (5) pounds per day and one (1) ton per year.**

All other conditions of the permit shall remain unchanged and in effect. Please attach a copy of this amendment and the following revised permit pages to the front of the original permit.

This decision is subject to the Indiana Administrative Orders and Procedures Act - IC 4-21.5-3-5. If you have any questions on this matter, please contact Madhurima Moulik, at (800) 451-6027, press 0 and ask for Madhurima Moulik or extension 3-0868, or dial (317) 233-0868.

Sincerely,

Original signed by Paul Dubenetzky

Paul Dubenetzky, Chief
Permits Branch
Office of Air Quality

Attachments

mm

cc: File - Switzerland County
U.S. EPA, Region V
Switzerland County Health Department
Air Compliance Section Inspector - Joe Foyst
Compliance Data Section - Karen Nowak
Administrative and Development
Technical Support and Modeling - Michele Boner

PART 70 OPERATING PERMIT OFFICE OF AIR QUALITY

**Swiss Caps
2300 Highway 250
Patriot, Indiana 47038**

(herein known as the Permittee) is hereby authorized to operate subject to the conditions contained herein, the source described in Section A (Source Summary) of this permit.

This permit is issued in accordance with 326 IAC 2 and 40 CFR Part 70 Appendix A and contains the conditions and provisions specified in 326 IAC 2-7 as required by 42 U.S.C. 7401, et. seq. (Clean Air Act as amended by the 1990 Clean Air Act Amendments), 40 CFR Part 70.6, IC 13-15 and IC 13-17.

Operation Permit No.: T 155-10975-00005	
Issued by: Janet G. McCabe, Assistant Commissioner Office of Air Management	Issuance Date: April 18, 2001 Expiration Date: April 18, 2006

1 st Administrative Amendment No. 155-16799	Pages Modified: 6, 37
Issued by:Original signed by Paul Dubenetzky Paul Dubenetzky, Branch Chief Office of Air Quality	Issuance Date: December 13, 2002

- (g) One (1) curing booth, known as EU08, equipped with two (2) 1.5 million British thermal unit per hour propane-fired air makeup heaters, constructed in 1999, exhausted through stacks 08 and 09, capacity: 8.0 fiberglass truck caps per hour.
- (h) One (1) bulk resin storage tank, known as EU11, to be constructed, capacity: 5,800 gallons of polyester resin.

A.3 Insignificant Activities [326 IAC 2-7-1(21)] [326 IAC 2-7-4(c)] [326 IAC 2-7-5(15)]

This stationary fiberglass truck cap and vehicle accessory manufacturing source also includes the following insignificant activities, as defined in 326 IAC 2-7-1(21):

- (a) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3-2]
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- (c) One (1) touch-up paint area in the aluminum caps shop, VOC emissions less than fifteen (15) pounds per day.
- (d) One (1) optional carpeting operation for truck caps and lids, VOC emissions less than fifteen (15) pounds per day.
- (e) One (1) aluminum commercial cab painting unit, VOC emissions less than fifteen (15) pounds per day, HAP emissions less than five (5) pounds per day and one (1) ton per year.

A.4 Part 70 Permit Applicability [326 IAC 2-7-2]

This stationary or source is required to have a Part 70 permit by 326 IAC 2-7-2 (Applicability) because:

- (a) It is a major source, as defined in 326 IAC 2-7-1(22);
- (b) It is a source in a source category designated by the United States Environmental Protection Agency (U.S. EPA) under 40 CFR 70.3 (Part 70 - Applicability).

SECTION D.5

FACILITY OPERATION CONDITIONS

Facility Description [326 IAC 2-7-5(15)]: Insignificant Activities - Existing

- (a) The following equipment related to manufacturing activities not resulting in the emission of HAPs: brazing equipment, cutting torches, soldering equipment, welding equipment. [326 IAC 6-3-2]
- (b) Grinding and machining operations controller with fabric filters, scrubbers, mist collectors, wet collectors and electrostatic precipitators with a design grain loading of less than or equal to 0.03 grains per actual cubic foot and a gas flow rate less than or equal to 4,000 actual cubic feet per minute, including the following: deburring; buffing; polishing; abrasive blasting; pneumatic conveying; and woodworking operations. [326 IAC 6-3-2]
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- (d) One (1) optional carpeting operation for truck caps and lids, VOC emissions less than fifteen (15) pounds per day.
- (e) One (1) aluminum commercial cab painting unit, VOC emissions less than fifteen (15) pounds per day, HAP emissions less than five (5) pounds per day and one (1) ton per year.

(The information describing the process contained in this facility description box is descriptive information and does not constitute enforceable conditions.)

Emission Limitations and Standards [326 IAC 2-7-5(1)]

D.5.1 Particulate Matter (PM) [326 IAC 6-3-2]

Pursuant to 326 IAC 6-3-2 (Process Operations), the allowable PM emission rate from the brazing equipment, cutting torches, soldering equipment, and welding equipment, and the grinding and machining operations shall not exceed allowable PM emission rate based on the following equation:

Interpolation of the data for the process weight rate up to 60,000 pounds per hour shall be accomplished by use of the equation:

$$E = 4.10 P^{0.67}$$

where E = rate of emission in pounds per hour; and
P = process weight rate in tons per hour